

**INDUSTRIAL COMPONENT DATA**

# 1SDA064621R1 ABB E3N1600 PR122/DC 3P W MP

Brand: ABB | Manufacturer Part Number: 1SDA064621R1



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | ABB                                                               |
| MPN / Reference | 1SDA064621R1                                                      |
| Catalog number  | 064621                                                            |
| Category        | Power circuit-breaker for trafo/generator/installation protection |
| Minimum order   | 1 Pcs                                                             |
| Document ID     | EO-604F6B1E96                                                     |
| Generated       | 2026-08-03                                                        |

## Product Overview

E3N1600 PR122/DC 3P W MP

E3N 1600 PR122/DC In=1600A 3p W MP

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path      **ABB > Service Breakers**

## Additional Product Information

ABB EcoSolutions

Material Compliance

REACH Declaration 9AKK108466A1425

RoHS Declaration 9AKK108466A1424

RoHS Information Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Toxic Substances Control Act - TSCA 9AKK108467A8326

Environmental

Environmental Information 9AKK10103A6076

Ordering

EAN 8015644675141

Minimum Order Quantity 1 piece

Customs Tariff Number 85362090

Dimensions

Product Net Width 432 mm

Product Net Height 461 mm

Product Net Depth / Length 396.5 mm

Product Net Weight 64 kg

Container Information

Package Level 1 Units box 1 piece

Package Level 1 Width 515 mm

Package Level 1 Height 600 mm

Package Level 1 Depth / Length 615 mm

Package Level 1 Gross Weight 72 kg

Package Level 1 EAN 8015644609139

Additional Information

Product Main Type SACE Emax

Product Name Air Circuit Breaker

Product Type Air Circuit Breaker

Version W

Technical

Current Type DC

Electrical Durability  $U_e = 1000\text{ V}$  10000 cycle

Mechanical Durability 20000 cycle

60 cycles per hour

Number of Poles 3P

Power Loss 207 W

Rated Current ( $I_n$ ) 1600 A

Rated Impulse Withstand Voltage ( $U_{imp}$ ) 12 kV

Rated Insulation Voltage ( $U_i$ ) 1000 V

Rated Operational Current ( $I_e$ ) 1600 A

Rated Operational Voltage 750 V DC

Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ ) (500 V DC) 60 kA  
(750 V DC) 40 kA

Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) (500 V DC) 60 kA  
(750 V DC) 40 kA

Rated Uninterrupted Current ( $I_u$ ) 1600 A

Rated Voltage ( $U_r$ ) 750 V

Release PR122/DC

Release Type EL

Short-Circuit Performance....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SDA064621R1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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